Identity Management Tool Differentiators

	BMC Control SA v.3.2	IBM Tivoli Identity Manager v.4.5	Waveset Lighthouse v.4.0
Functionality • End-user • Administration • Audit/Report • Workflow	• Confusing GUI metaphor - multiple cascading windows, many choices of appearance but would be more difficult to learn and navigate.	• Mature interface, clean appearance, navigation keys. • Demonstrated V.4.3.2 (Access360 enRole version from Dec. 2002). • Identity policy requires Java Script • V.4.5 comes with Crystal Reports	• Easy to use and intuitive interface. • Interface cleaner than Control SA but not as mature as TIM.
Architecture • Security • Flexibility • Performance • Platform Support	• First to market in 1995 and still has substantially the same architecture. • ESS Web GUI only runs on Solaris. • Passport and workflow capabilities only run on Solaris or WIN NT. • No SSH key delivery; manual changes of keys.	• Utilizes FIPS-140 compliant GSKit to generate SSL certificates. • While TIM is certified to run on HP-UX, IBM had few reference HP-UX clients.	• Agentless technology tracks changes in target systems by logging into remote system as an administrator and querying for changes. • Highly relevant HP-UX client list - e.g. DLA. • Virtual Identity Manager requires only 5 attributes.
Management • Deployment • Maintenance	• Many FTEs required for support (10-15).	• Agents require installation, maintenance, and support.	• Small footprint results in quicker implementations and limits continuing support. • Auto-Discovery Engine simplifies the creation of unified identities across systems.
Vendor Support • Assistance • Training		• Extensive vendor support, training classes, and materials.	
Licensing • Structure • Cost		• Includes Directory Server (LDAP), App Server, JMS, and IDI (for use with TIM) in license cost.	

Web Access Control Tool Differentiators

	IBM Tivoli Access Manager v.5.1	Netegrity Siteminder v.6.5	RSA Cleartrust v.5.5
Functionality • End-user • Administration • Audit/Report • Workflow	• GUI Administrative interface available but has limited functionality; command line preferred for administration. • Does not offer consolidated view when deploying agents – no operations monitor.	• Central administration of agents. • "OneView" monitor displays operational statistics for policy server and agents.	• No centralized agent management so admins must go to each web server to install/maintain agents. • No operations monitor
Architecture • Security • Flexibility • Performance • Platform Support	• Complex proxy-based architecture with many components to install and maintain. • Need to evaluate HP-UX support • Does not supports variable time out per protected resource. • WebSeal cache improves performance but stores user credentials in the DMZ. • Configuration information stored in WebSeal in the DMZ.	• Supports numerous large scale HP implementations and provides WAC for HP.com. • Does not require a specific schema. • Allows authentication chaining. • Utilizes automatic key roll over to maintain security of communications. • Supports variable time out per protected resource.	• Need to evaluate HP-UX support and reference customers • Fewer number of relevant installations • Requires customization for multiple data stores • Does not support variable time outs per individual protected resource.
Management • Deployment • Maintenance	• Requires separate Privacy Manager project for fine-grained access control. • No rule testing tools provided.	• Does not require updates to individual web servers. • Rule testing tools provided.	• Rule testing tools provided.
Vendor Support • Assistance • Training	• Thorough training classes, mature materials and support.	• Product is up-to-date with many releases and upgrades in the next 18 months.	
Licensing • Structure • Cost	• Includes user mgmt tool.	• Does not include a User Management or LDAP admin tool.	• Includes user mgmt tool.